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Wendy A. Frick

Signed: _____

Wendy A. Frick



24024

PATENT TRADEMARK OFFICE

PATENT

11/16/03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re. Application of:

Graham, et al.

Serial No.: 09/781,695

Filed: February 12, 2001

For: **METHODS OF INDUCING
PRODUCTION OF ISOFLAVONES
IN PLANTS USING NUCLEAR
RECEPTOR LIGANDS**

Examiner: Pryor, A.L.

Art Unit: 1616

Attorney Docket: 22727/0405

Assistant Commissioner for Patents
Washington, D.C. 20231

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**RESPONSE TO RESTRICTION REQUIREMENT AND
AMENDMENT**

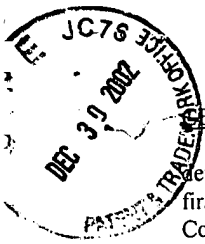
Dear Sir:

In response to the Restriction Requirement mailed October 16, 2002, Applicants hereby elect Group IV, claims 1, and 10-26 drawn to a method of applying a composition comprising a peroxisome proliferator to a plant capable of producing an isoflavone. The species of peroxisome proliferator which Applicants elect at this time is clofibric acid. The structure of clofibric acid, minus the hydrogen of the hydroxyl group, is shown in Figure 2. In this case, R10 is an aromatic ring, R11 is O, R12 is a branched aliphatic chain comprising 3 carbon atoms, and R13 is a hydrogen. With respect to the enhancing compound recited in claims 12, 14 and 21-26, Applicants first elect a fragment of the naturally occurring cell wall glucan from the pathogen *Phytophthora sojae*. Please amend the claims as follows:

IN THE CLAIMS

1. (Amended) A method of inducing production of isoflavones in a plant comprising:

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Typed or Printed name of person signing this certificate:
Wendy A. Frick

Signed: Wendy A. Frick



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Examiner: Pryor, A.L.

Art Unit: 1616

Attorney Docket: 22727/0486

Assistant Commissioner for Patents
Washington, D.C. 20231

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**TRANSMITTAL OF RESPONSE TO RESTRICTION REQUIREMENT AND
AMENDMENT**

Sir:

Transmitted herewith are the following:

1. Response to Restriction Requirement and Amendment;
2. Petition for Extension of Time Under 37 C.F.R. 1.136(a);
3. A check in the amount of \$200.00; and
4. A Return Receipt Postcard.

It is believed that no further fee is required relating to the filing of this Response. If this is not the case, the Patent Office is hereby authorized to charge any related fee to Deposit Account No. 03-0172. A duplicate copy of this sheet is attached.

Respectfully submitted,

Date: December 23, 2002

By: Pamela A. Docherty
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